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SEQUENCE LISTING

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Hoppe, Hans-Ullrich
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TECH CENTER 1600/2900

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OCT 30 2000

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<120> MICROELECTRONIC MOLECULAR DESCRIPTOR ARRAY DEVICES, METHODS, PROCEDURES, AND FORMATS FOR COMBINATORIAL SELECTION OF INTERMOLECULAR LIGAND BINDING STRUCTURES AND FOR DRUG SCREENING

<130> Patrick Eagleman: Nanogen 241/172

<140> 09/374,338

<141> 1999-08-13

<160> 31

<170> PatentIn version 3.0

<210> 1

<211> 7

<212> DNA

<213> SYNTHETIC CONSTRUCT

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<222> (1)..(7)

<223> Entire sequence is Pyranosyl RNA

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<222> (1)..(1)

<223> Base 1 is tryptamine

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<223> Base 7 is modified with Texas Red

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<223> Base 1 is modified with Biotin

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<222> (8)..(8)

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<223> Base 1 is modified with Cyanine-3 flourescent dye

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<223> Base between 7 and 8 is modified with a Peptide

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Cys Leu Ser Leu Glu Gly
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<210> 9
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<223> 1st amino acid is modified with pyranosyl RNA

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<210> 11

<211> 6

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<210> 12

<211> 6

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Cys Ser Arg His Arg Gly
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<210> 13

<211> 6

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Cys His Arg Tyr Arg Gly
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<210> 15
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<210> 16
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<223> Base 2 is tryptamine

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<222> (5)..(5)

<223> Base 5 is tryptamine

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<222> (4)..(5)

<223> Base 4 and 5 is modified by thioester linkage to Seq. ID No. 20

<400> 19

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8

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Cys Phe Pro Tyr Trp Gly

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5

<210> 21

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<400> 24

Cys His His His His Gly
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<210> 25
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Cys Phe Pro Ser Phe Gly
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<210> 26
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<223> Base 7 is modified with Cyanine3

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<221> modified_base

<222> (7)..(7)

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<210> 27

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<223> Entire sequence is pyranosyl RNA

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<223> Base 1 is modified with Biotin

<220>

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ccttcncccc c

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<210> 28

<211> 9

<212> DNA

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